Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of ~~expressing~~ producing a plurality of proteins having an activity or property of interest encoded by a library of DNA vectors, wherein the library of vectors comprises a plurality of different vectors, each different vector comprising a different protein-encoding nucleic acid sequence, said nucleic acid sequence being operably linked to an expression-regulating region and optionally a secretion signal encoding sequence, the method comprising the steps of:

(a) ~~providing~~ preparing a filamentous fungus~~al~~ suspension comprising a plurality of individual fungi having a phenotype characterized by low-viscosity and growth in suspension and characterized by the production of transferable reproductive elements in suspension;

(b) stably transforming said filamentous fungus with said library of DNA vectors so as to introduce into each of a plurality of the individual fungi at least one ~~heterologous~~ protein-encoding nucleic acid sequence;

(c) culturing the transformed mutant filamentous fungi under conditions conducive to formation of transferable reproductive elements in suspension;

(d) separating from one another a plurality of transferable reproductive elements; and

(e) culturing into monoclonal cultures or monoclonal colonies the individual transferable reproductive elements, under conditions conducive to expression of the ~~heterologous~~ proteins encoded by the ~~heterologous~~ protein-encoding nucleic acid sequences.

2. (Currently amended) A method of screening a plurality of proteins encoded by a library of DNA vectors for an activity or property of interest, comprising the steps of:

(a) ~~expressing~~ producing the plurality of proteins in monoclonal filamentous fungal cultures or monoclonal filamentous fungal colonies, by the method of claim 1; and

(b) screening individual clonal cultures or clonal colonies for the activity or property of interest.

3. (Original) A method of producing a DNA molecule encoding a protein having an activity or property of interest, comprising the steps of:

(a) expressing a plurality of proteins in monoclonal filamentous fungal cultures or monoclonal filamentous fungal colonies, by the method of claim 1;

(b) screening individual clonal cultures or clonal colonies for the activity or property of interest; and

(c) isolating DNA from a clonal culture or clonal colony exhibiting the activity or property of interest.

4. (Original) A method of producing the nucleotide sequence of a DNA molecule encoding a protein having an activity or property of interest, comprising the steps of:

(a) isolating DNA from a clonal culture or clonal colony exhibiting the activity or property of interest, by the method of claim 3; and

(b) sequencing said DNA.

5. (Original) A method of producing the amino acid sequence of a protein having an activity or property of interest, comprising the steps of:

(a) producing the DNA sequence of the protein having an activity or property of interest, by the method of claim 4; and

(b) converting said DNA sequence into an amino acid sequence.

9. (Currently amended) The method of claim 2, wherein the screening step is carried out by high-throughput screening.

10. (Currently amended) The method of claim 3, wherein the screening step is carried out by high-throughput screening.

11. (Currently amended) The method of claim 4, wherein the screening step is carried out by high-throughput screening.

12. (Currently amended) The method of claim 5, wherein the screening step is carried out by high-throughput screening.

Amendments to the Drawings:

The attached sheet of drawings includes changes to Figure 12. This sheet replaces the original Figure 12. In Figure 12, sequence identifiers have been added. The changes are shown in the annotated sheet by underlining and highlighting.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes